

ALLELE FREQUENCIES OF VWA, FESFPS, FXIII A1 AND D21S11 IN AN ITALIAN POPULATION SAMPLE

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Systems and loci: D21S11; FXIII A1 (6p25-p25); FESFPS (15q25qter); vWA (12p12-12pter)

Population: Central and Southern Italy

Method: primers and PCR according to the relevant articles cited below; electrophoresis on ALF DNA sequencer

Results:

D21S11 observed genotypes and allele frequencies (N: 135)

Gen.	Obs.	Gen.	Obs.	Gen.	Obs.	Gen.	Obs.
29-29	4	28-31	2	29-34.2	1	31-32.2	1
30-30	7	28-32	1	30-30.2	1	31-33.2	7
31-31	11	28-32.2	1	30-31	12	31-34.2	2
32-32	2	28-33.2	3	30-32	5	32-32.2	1
32.2-32.2	1	28-36	1	30-32.2	7	32-33.2	1
33.2-33.2	4	29-30	6	30-33.2	7	32.2-33.2	1
26-30	1	29-31	10	30-34.2	3	32.2-34.2	3
26-31	2	29-32	4	30.2-32.2	1	33.2-34.2	1
28-29	2	29-32.2	5	30.2-34.2	1		
28-30	2	29-33.2	7	31-32	4		

Allele	Frequency	Allele	Frequency	Allele	Frequency
26	0.0111	30,2	0.0111	33.2	0.1296
28	0.0444	31	0.2296	34.2	0.0407
29	0.1593	32	0.0741	36	0.0037
30	0.2148	32.2	0.0815		

rXIII A1 observed genotypes and allele frequencies (N: 221)

Gen.	Obs.	Gen.	Obs.	Gen.	Obs.	Gen.	Obs.
3-3	1	3-17	1	5-7	37	6-16	1
5-5	15	4-5	6	5-8	3	7-8	2
6-6	19	4-6	7	5-12	1	7-11	1
7-7	15	4-7	8	5-15	1	7-13	2
3-4	1	4-8	3	5-16	4	7-14	1
3-5	9	4-9	1	6-7	38	7-15	1
3-6	11	4-15	1	6-8	1		
3-7	10	5-6	19	6-15	1		

Allele	Frequency	Allele	Frequency	Allele	Frequency
3.2	0.0769	8	0.0204	14	0.0023
4	0.0611	9	0.0023	15	0.0090
5	0.2489	11	0.0023	16	0.0113
6	0.2624	12	0.0023	17	0.0023
7	0.2941	13	0.0045		

FESFPS observed genotypes and allele frequencies (N: 258)

Gen.	Obs.	Gen.	Obs.	Gen.	Obs.	Gen.	Obs.
10-10	17	8-10	2	10-11	53	11-13	8
11-11	41	8-11	1	10-12	35	11-14	1
12-12	23	8-12	2	10-13	10	12-13	6
13-13	1	9-11	1	11-12	54	13-14	3

Allele	Frequency	Allele	Frequency	Allele	Frequency
8	0.0097	11	0.3876	14	0.0078
9	0.0019	12	0.2771		
10	0.2597	13	0.0562		

vWA observed genotypes and allele frequencies (N: 374)

Gen.	Obs.	Gen.	Obs.	Gen.	Obs.	Gen.	Obs.
14-14	4	13-17	2	15-16	22	16-20	5
15-15	5	14-15	2	15-17	22	17-18	40
16-16	14	14-16	14	15-18	24	17-19	9
17-17	32	14-17	21	15-19	6	17-20	2
18-18	13	14-18	18	16-17	52	18-19	15
19-19	1	14-19	6	16-18	26	18-20	3
13-16	1	14-20	1	16-19	12	19-20	2

Allele	Frequency	Allele	Frequency	Allele	Frequency
13	0.0040	16	0.2139	19	0.0695
14	0.0936	17	0.2834	20	0.0174
15	0.1150	18	0.2032		

References:

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- Sharma V., Litt M. (1992) (D21S11) *Hum. Molec. Genet.* **1**: 67.